e M	ailed: Januar	v 31, 200	2							Page	14		
RM List	List of Patents and Publications for Applicants Information Disclosure Statement FEB 2 0 2002			ATTY DOCKET NO. 18810-82152			SERIAL 1 09/909,31						
Αψ				APPLICANT: Tsao et al. COPY OF PAPERS FILING DATE: ORIGINALLY FILED July 18, 2001			GROUP ART UNIT						
				U.S. PATEN	IT DOCUN	MENT	S						
	EXAMINER INITIAL		DOC	UMENT NUMBER	DATE	NAME		CLASS CLASS		ING TE			
	NA		6,280,94	1 B1	08/28/01	Tsao et al.							
		FOREIGN PATENT DOCUMENTS											
			DOCUMENT NUMBER		DATE	со	UNTRY	CLASS	SUB CLASS	Trans YES	NO		
:		FR 2707)11_A	12/30/94	Fra	nce						
			<u> </u>						<u> </u>	<u> </u>	<u> </u>		
	OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)												
	m	1.	Alkhatib, H.M. et al., "Cloning and expression of cDNA for human poly(ADP polymerase", Proc. Natl. Acad. Sci. USA, 84: 1224-1228, March 1987.					ADP-ribos	P-ribose)				
	2. Cherney, E human ge December			B.W., et al., "cDNA sequence, protein structure, and chromosomal location of the ene for poly(ADP-ribose) polymerase", <u>Proc. Natl. Acad. Sci. USA</u> , 84: 8370-8374, er 1987.									
		3.	Dib, C. et microsate	al., "A comprehensive genetic map of the human genome based on 5,264 lllites", Nature, 380: 152-154, March 14, 1996.									
	expre		expressio	Suzuki, H. et al., "Molecular cloning of cDNA for human poly(ADP-ribose) polymerase and expression of its gene during HL-60 cell differentiation", <u>Biochemical and Biophysical</u> Research Communications, 146(2): 403-409, July 31, 1987.									
		5.	Kotzin, B.	L., "Systemic Lupus Er	ythematosus	", <u>Cell</u>	, 85: 303-	306, May	3, 1996.				
	ribose) po		T. et al., "Characterization of a putative promoter region of the human poly(ADP-polymerase gene: structural similarity to that of the DNA polymerase β gene", mical and Biophysical Research Communications, 167(2): 701-710, March 16, 1990.										
	nn	7. Trucco, C. et al., "Mutations in the amino-terminal domain of the human poly(ADP-ribose) polymerase that affect its catalytic activity but not its DNA binding capacity", <u>FEBS Letters</u> , 399: 313-316 (1996).						e) <u>rs</u> ,					
				<u> </u>					+				
	EXAMINE		aral.	2	DATE CO	ONSIDE	RED (e /24	104				
	EXAMIN	ER: Init	ial if citation	considered, whether o	r not citation	is in c	onforman	ce with M	PEP 609; I	Draw Iir	ne		

through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

docsopen/pcdocs/3332/1

Date Mailed: January 31, 2002			_	Page 2 of
FORM PTO-1449 (Modified)	ATTY DOCKET N 18810-82152	0.	SERIAL NO. 09/909,317	,
List of Patents and Publications for Applicants Information Disclosure			-	
Statement	APPLICANT: Tsa	o et al.		
CLB 50 MMJ FI	FILING DATE: July 18, 2001	COPY OF PAPERS ORIGINALLY FILED	GROUP ART UNIT	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	0	THER ART (Including Author, Title, Date, Perlinent Pages, Etc.)
MM	8.	Yokoyama, Y. et al., "Human poly(ADP-ribose) polymerase gene", <u>Eur. J. Biochem.</u> , 194: 521-526 (1990).
	9.	Abe, M., et al., "In vitro spontaneous and UVB-induced lymphocyte apoptosis are not specific to SLE", Photodermatol. Photoimmunol. Photomed., 13(5-6): 204-207, Oct-Dec 1997, Abstract only.
	10.	Auer, B. et al., "Human nuclear NAD+ ADP-ribosyltransferase(polymerizing): organization of the gene", DNA 8(8): 575-80, Oct. 1989, Abstract only.
	11.	Calvo-Alen, J. et al., "Identification of patient subsets among those presumptively diagnosed with, referred, and/or followed up for systemic lupus erythematosus at a large tertiary care center", Arthritis Rheum. 38(10): 1475-84, October 1995, Abstract only.
	12.	Casciola-Rosen, L., et al., "Ultraviolet light-induced keratinocyte apoptosis: a potential mechanism for the induction of skin lesions and autoantibody production in LE", <u>Lupus</u> , 6(2): 175-80, 1997.
	13.	Davidson, A., et al., "Diagnosing and Treating the Predominantly Female Problems of Systemic Autoimmune Diseases", Medscape Womens Health, 2(2): 6, Feb. 1997, Abstract only.
	14.	Engelstein, M., et al., "A PCR-based linkage map of human chromosome 1", Genomics, 15(2): 251-8, Feb. 1993, Abstract only.
	15.	Hasan, T., et al., "Photosensitivity in lupus erythematosus, UV photoprovocation results compared with history of photosensitivity and clinical findings", <u>Br. J. Dermatol.</u> , 136(5): 699-705, May 1997, Abstract only.
	16.	Herzog, H. et al., "Human nuclear NAD+ ADP-ribosyltransferase: localization of the gene on chromosome 1q41-q42 and expression of an active human enzyme in Escherichia coli", Proc Natl. Acad. Sci. USA, 86(10): 3514-8, May 1989, Abstract only.
	17.	Karlson, E.W., et al., "The relationship of socioeconomic status, race, and modifiable risk factors to outcomes in patients with systemic lupus erythematosus", <u>Arthritis Rheum.</u> , 40(1): 47-56, Jan. 1997.
	18.	Korb, L.C., et al., "C1q binds directly and specifically to surface blebs of apoptotic human keratinocytes: complement deficiency and systemic lupus erythematosus revisited", <u>J. Immunol.</u> , 158(10): 4525-8, May 15, 1997, Abstract only.
BRE	19.	Krause, I., et al., "Seasons of the year and activity of SLE and Behcet's disease", Scand. J. Rheumatol., 26(6): 435-9, (1997), Abstract only.
EXAMINER		TE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. docsopen/pcdocs/3332\1

Date Mailed: January 31, 2002			Page	30
FOKM PTO-1449 (Modified) List of Patents and Publications for Applicants Information Disclosure	ATTY DOCKET NO. 18810-82152		SERIAL NO. 09/909,317	7
Statement	APPLICANT: Tsa et	al.		
FEB 2 0 2002	FILING DATE: July 18, 2001	COPY OF PAPERS ORIGINALLY FILED	GROUP ART UNIT	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) Kupper, J.H., et al., "Detection of poly(ADP-ribose) polymerase and its reaction product poly(ADP-ribose) by immunocytochemistry", Histochem. J., 28(5): 391-5, May 1996, Abstract Minami, Y., et al., "Female systemic lupus erythematosus in Miyagi Prefecture, Japan: a case-21. control study of dietary and reproductive factors", Tohoku J. Exp. Med., 169(3): 245-52, Mar. 1993, Abstract only. Nyberg, F. et al., "Early detection of epidermal dust-like particles in experimentally UV-22. induced lesions in patients with photosensitivity and lupus erythematosus", Acta. Derm. Venereol., 78(3): 177-9, May 1998, Abstract only. Sanchez-Guerrero, J. et al., "Utility of anti-Sm, anti-RNP, anti-Ro/SS-A, and anti-La/SS-B 23. (extractable nuclear antigens) detected by enzyme-linked immunosorbent assay for the diagnosis of systemic lupus erythematosus", Arthritis Rheum., 39(6): 1055-61, June 1996, Abstract only. Slater, C.A., et al., "Antinuclear antibody testing. A study of clinical utility", Arch. Intern. Med., 24. 156(13): 1421-5, July 8, 1996, Abstract only. 25. Rood, M.J., et al., "Female sex hormones at the onset of systemic lupus erythematosus affect survival", Br. J. Rheumatol., 37(9): 1008-10, Sept. 1998, Abstract only. 26. Rozzo, S.J., et al., "Analysis of MHC class II genes in the susceptibility to lupus in New Zealand mice", J. Immunol., 162(5): 2623-30, Mar. 1, 1999, Abstract only. Sequeira, J.F., et al., "Systemic lupus erythematosus: sex hormones in male patients", Lupus, 27. 2(5): 315-7, Oct. 1993, Abstract only. 28. Vyse, T.J., et al., "Genetic basis of systemic lupus erythematosus", Curr. Opin, Immunol., 8(6): 843-51, Dec. 1996, Abstract only. 29. Vyse, T.J., et al., "Genetic susceptibility to systemic lupus erythematosus", Annu. Rev. Immunol., 16: 261-92, 1998. 30. Vyse, T.J., et al., "Control of multiple autoantibodies linked with a Jupus nephritis susceptibility locus in New Zealand black mice", J. Immunol., 158(11): 5566-74, June 1, 1997, Abstract only. 31. Vyse, T.J., et al., "Contributions of Ea(z) and Eb(z) MHC genes to lupus susceptibility in N w Zealand mice", J. Immunol., 160(6): 2757-66, March 15, 1998, Abstract only. 32. Yoshida, S. et al., "Interaction of poly(ADP-ribose) polymerase with DNA polymerase alpha", Mol. Cell. Biochem., 138(1-2): 39-44, Sept. 1994, Abstract only.

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. docsopen/pcdocs/3332\1

DATE CONSIDERED

EXAMINER

						
CATENTS TO	De la	THER ART (Including Author, Title, Date, Pertinent Pages, Etc.)				
Mal (33.	Maugh II, T.H., "Team of Researchers Narrows Search for Cause of Lupus", Metro News, Los Angeles Times, B-8, Wednesday, February 19, 1997.				
34.		Tsao, B.P., et al., "Evidence for linkage of a candidate chromosome 1 region to systemic lupus erythematosus (SLE)", Arthritis & Rheum., 39: S217, 1996, Abstract only.				
	35.	Tsao, B.P., et al., "The genetic basis of systemic lupus erythematosus", Proc. Assoc. Am. Physicians, 110(2): 113-7, MarApr. 1998.				
	36.	Tsao, B.P., et al., "Genetic susceptibility to lupus nephritis", Lupus, 7(9): 585-90, 1998.				
	37.	Tsao, B.P., et al., "PARP alleles within the linked chromosomal region are associated with systemic lupus erythematosus", J. Clin. Invest., 103(8): 1135-40, Apr. 1999.				
	38.	Tsao, B.P., et al., "Evidence for linkage of a candidate chromosome 1 region to human systemic lupus erythematosus", J. Clin. Invest., 99(4): 725-731, Feb. 1997.				
	39.	Oliver, F. J., et al., "DNA REPAIR '99 Poly(ADP-Ribose) Polymerase in the Cellular Response to DNA Damage, Apoptosis, and Disease", <u>Am. J. Hum. Genet.</u> , 64: 1282-1288, 1999.				
	40.	Moser, K.L., et al., "Genome scan of human systemic lupus erythematosus: Evidence for linkage on chromosome 1q in African-American pedigrees", <u>Proc. Natl. Acad. Sci. USA</u> , 95: 14869-14874, Dec. 1998.				
	41.	Gaffney, P.M., et al., "A genome-wide search for susceptibility genes in human systemic lupus erythematosus sib-pair families", <u>Proc. Natl. Acad. Sci. USA</u> , 95: 14875-14879, Dec. 1998.				
	42.	Sibley, J.T., et al., "Altered metabolism of poly(ADP-ribose) in the peripheral blood lymphocytes of patients with systemic lupus erythematosus", <u>Arthritis and Rheumatism</u> , 32(8): 1045-1049, Aug. 1989.				
	43.	Haug, B.L., et al., "Altered Poly(ADP-Ribose) Metabolism in Family Members of Patients with Systemic Lupus Erythematosus", <u>J. Rheumatol.</u> , 21: 851-56, 1994.				
	44.	Lee, J.S., et al., "Decreased mRNA Levels Coding for Poly(ADP-Ribose) Polymerase in Lymphocytes of Patients with SLE", <u>Lupus</u> , 3:113-116, 1994.				
	45.	Loetscher, P., et al., "Poly(ADP-ribose) may signal changing metabolic conditions to the chromatin of mammalian cells", <u>Proc. Natl. Acad. Sci. USA</u> , 84(5): 1286-9, Mar. 1987, Abstract only.				
13/2/	46.	Hirose, S., et al., "Mapping of a gene for hypergammaglobulinemia to the distal region on chromosome 4 in NZB mice and its contribution to systemic lupus erythematosus in (NZB x NZW) F1 mice", Int. Immunol., 6(12):1857-64, Dec., 1994, Abstract only.				
EXAMINER	DA	TE CONSIDERED / 1 2 M 7 M				

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Data Mailada Y		2002			Page 5
Date Mailed: Janua FORM PTO-1449	(Modifi	ed)	ATTY DOCKET NO 18810-82152).	SERIAL NO. 09/909,317
List of Patents					
Applicants Info	itement		APPLICANT: Tsao et al.		
OFE	OIF E VO			ORIGINALLY FILED	GROUP ART UNIT
FEB 207	002				
Con a service of the	OFFI O	THER ART (Including Author,	Title, Date, Pertin	nent Pages, Etc.)
m	47.			ce of component phe 6-81, Feb. 1999, Abs	notypes in a murine model of tract only.
	48.		, "Polygenic control : 219-29, June 1994		rine systemic lupus erythematosus",
	49.	receptor, CD3			allotype of CR1 (the C3b/C4b natosus", Clin. Exp. Immunol., 89(1):
	50.	SLE: low eryth		ion is an acquired ph	C3b receptor (CR1) in patients with enomenon", Immunol. Cell Biol.,
			· · · · · · · · · · · · · · · · · · ·		

Deguchi, Y. et al., "A human homeobox gene, HB24, inhibits development of CD4+ T cells and impairs thymic involution in transgenic mice", J. Biol. Chem., 268(5): 3646-53, Feb. 15, 1993, Abstract only. 52. Raz, E. et al., "Modulation of disease activity in murine systemic lupus erythematosus by cytokine gene delivery", Lupus, 4(4): 286-92, Aug. 1995, Abstract only. 53. Slater, C.A. et al., "Antinuclear antibody testing. A study of clinical utility." Arch. Intern. Med., 156(13): 1421-5, July 8, 1996, Abstract only. Suarez-Almazor, M.E. et al., "Utilization and predictive value of laboratory tests in patients 54. referred to rheumatologists by primary care physicians", J. Rheumatol., 25(10): 1980-5, Oct. 1998, Abstract only. 55. Tan, E.M. et al., "The 1982 revised criteria for the classification of systemic lupus erythematosus", Arthritis Rheum., 25(11): 1271-7, Nov. 1982, Abstract only. 56. Watson, M.L. et al., "Genetic analysis of MRL-lpr mice: relationship of the Fas apoptosis gene to disease manifestations and renal disease-modifying loci", J. Exp. Med., 176(6): 1645-56, Dec. 1, 1992, Abstract only. 57. Kono, D. H. et al. "Lupus susceptibility loci in New Zealand mice", Proc. Natl. Acad. Sci. USA, 91(21):10168-72, Oct. 11, 1994, Abstract only. 58--Drake, G.G. et al., "Genetic-contributions-to-lupus-like-disease-in-(NZB-x-NZW) F1 mice", Immunol, Rev., 144: 51-74, Apr. 1995, Abstract only. 60. Drake, C.G. et al., "Genetic analysis of the NZB contribution to lupus-like autoimmune disease in (NZB x NZW) F1 mice", Proc. Natl. Acad. Sci. USA, 91(9): 4062-6, Apr. 26,

DATE CONSIDERED EXAMINER lana

1994, Abstract only.

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

		C	OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)
(M	γ	61.	Kuokkanen S., "A putative vulnerability locus to multiple sclerosis maps to 5p14-p12 in a region syntenic to the murine locus Eae2", Nat. Genet., 13(4): 477-80, Aug. 1996, Abstract only.
		62.	Botto, M. et al., "Homozygous C1q deficiency causes glomerulonephritis associated with multiple apoptotic bodies", Nat. Genet., 19(1): 56-9, May 1998, Abstract only.
		63.	Bowness, P. et al., "Hereditary C1q deficiency and systemic lupus erythematosus", QJM, 87(8): 455-64, Aug. 1994, Abstract only.
		64.	Botto, M. et al., "Fc gamma Rlla polymorphism in systemic lupus erythematosus (SLE): no association with disease", Clin. Exp. Immunol., 104(2): 264-8, May 1996, Abstract only.
		65.	Botto, M., "C1q knock-out mice for the study of complement deficiency in autoimmune disease", Exp. Clin. Immunogenet., 15(4): 231-4, 1998, Abstract only.
		66.	Tsao, B.P. et al., "ADPRT alleles from the chromosome 1q41-q42 linked region are associated with SLE", Arthritis & Rheum., 41:580, 1998, Abstract only.
:		67	Risch, N.: "Searching for genes in complex diseases: lessons from
	1		systemic lupus erythematosus" THE JOURNAL OF CLINICAL INVESTIGATION,
			Vol. 105, No. 11 pp. 1503-1506. XP-002171583 the whole document
			(June 2000).
		68.	Fougerousse, F. et al. Nucleic Acids Res. 20(5): 1166 (1992).
		69.	Ahern, H. The Scientist 9(15):20 (Jul 1995).
		70.	Murray, J. et al. GenEmbl Accession No. GO8223 (Feb 1997).
		71	Doggett, N.A. et al. Genomics 18:687-689 (1992).
		72	Delrieu, O. et al. Arthritis & Rheumatism 42(10):2197-(Oct 1999).
18	W)	73.	International Search Report PCI/US 00/08430 date mailed 07/24/01
		<u> </u>	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED

EXAMINER